DXpedition News

Ghana - 9G Randy Martin KØEU is operating as **9G1XA** until mid-September. His work duties limit his activity during the week, but he is very workable on weekends. He will be concentrating on the low bands, the new bands, and RTTY, with some CW and SSB as well. On CW, try 1823, 3505, 7023, 10103, 14023, 18073, 21023, 24893, and 28023 kHz. On SSB, try 3795, 7085, 14195, 18115, 21295, 24935, and 28495, and on RTTY, try 14085 and 21085. Early US spots include 18073 kHz at 22-0000Z, 24893 kHz at 2230Z, 3505 at 0545Z, 14200 at 2300Z, and 21023 kHz at 1900Z, listening up a few kHz. QSL to home call. Sunrise 0557Z; sunset 1800Z.

Crete - SV9 Norbert **OE1NBW** will operate **SV9/** until Sept. 24, concentrating on CW, with some SSB. On CW, try 14009, 21009, and 28009 kHz; on SSB, try 14209, 14309, 21209, and 28509 kHz. QSL home call.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

St. Paul Island - CY9 **CY9R** is active from St. Paul (NA-049) until Sept. 9, by operators George Balint VE3MRN and Lajos Laki VE3VQL. Try 25 kHz up on CW, and 3805, 7005/7165, 14205, 21305, and 28405 kHz on SSB, listening up 2-5 kHz on CW, and 5-10 kHz on SSB. They actually request the last two letters of your call! QSL to VE3MRN, 8 Boneset Road, Willowdale ON Canada M2J 4X4, with SASE or US$1. Sunrise 0930Z; sunset 2230Z.

Eastern Kiribati - T32 Paul Lange WC5P and Takeo Kuwada KH6DFW will operate as **T32BE** and **T32BI** respectively Sept. 8-13, and again Nov. 24-29, from Christmas Island (OC-024), according to W1AW. QSL to home calls.

Shortly Noted

▪ **9N1BD, 9N1AP,** and **9N1HL** were active at the end of August, led by Baldur DJ6SI. QSL the CW contacts of 9N1BD and the SSB contacts of 9N1AP to Baldur DJ6SI, and the RTTY contacts of 9N1HL to operator DJ6JC. Remember that DJ6SI closes his log after six months, does not want cards from other calls in the same envelope, and asks for a minimum of US$2 for return postage. No bureau cards. ("If you don't like these rules, don't work me," Baldur says.)

▪ **C21**: Mine Sugiyama JA2NQG is scheduled to be active Sept. 8-13, on 160-6 meters, SSB, CW, and FM, with JH2BNL and JI2UAY assisting. Requested callsigns are **C25CW** for JA2NQG, **C25DX** for JH2BNL (QSL to JA2NVY), and **C25FM** for JI2UAY (QSL home call). JA2NQG's address is Box 5, Ninomiya, Kanagawa 259-01, Japan. (Japan DX News.)

▪ The **BV9P** Pratus Island operation is now scheduled to begin Oct. 6, for about 10 days. OH2BH will be joining the team of Taiwan amateurs. No DXAC vote has set on separate country status from Pratus.

▪ **South Cook Islands** are now issuing **ZK1AA-** callsigns to visitors, since the number of visitors has greatly exceeded the availability of the formerly used ZK1X- block. This should reduce duplication of callsign assignments, and simplify QSLing.

▪ **OHØMAM** will be active from Aland Island, especially in major contests. QSL to operator OH2MAM's new address: Jukka Kulha, P. O. Box 73, SF-00521 Helsinki, Finland.

▪ **OZ1EYE,** who was very active as **D2EYE,** has also been worked from Walvis Bay **/ZS9.** He'll be active from other countries in the region over the next few weeks, including Guinea-Bissau J5.

▪ **GBØSEG** will be active from Dunnet Head, the most northerly part of Scotland, Oct. 1-3, by members of the Scottish Expedition Group. QSL to George Leishman GM2TW, Woodside, Redding, Falkirk, Stirlingshire FK2 9UQ, Scotland.

▪ **SSB Net** check-ins: **14227** kHz: (11,21Z) VP2EE TU2XZ A71BH LZ1BI EA9KQ; **14247:** (23Z) 8R1CJ 9G1SB CT3CU CEØZIS 8R1AR VK9ND HR1KAS KG4EH; **14256** (23Z) 4S7DA HSØ/G4UAV V51BI.

▪ **Islands On The Air: ZY7XC** and **ZY7ZZ** will be operated from Itamaraca Island (SA-046) Sept. 10-12, by Jim PY7XC and Fred PY7ZZ respectively. QSL to home calls. Clive Penna **GM3POI** is a resident in the Orkneys (EU-009); QSL to him at North Windbreck, Deerness, Orkney KW17 2QL, United Kingdom.

▪ **RTTY: A45XC** is Chris, an American working for Shell Oil in Oman. He's been noted on 14084 kHz, at 1645Z. QSL to him c/o the Royal Omani Radio Club, Box 891, Muscat, Oman. He says he's get on CW soon.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
September 1993		Date	Flux	A	K	Date	Flux	A	K
3	High Normal	8/8	91	10/10	0	7/11	83	22/25	1
4	High Normal	8/9	96	11/12	1	7/12	86	09/10	1
5	High Normal	8/10	102	06/07	2	7/13	87	08/11	2
6	Above Normal	8/11	108	03/06	1	7/14	93	00/05	0
7	High Normal	8/12	101	06/09	1	7/15	93	03/07	0
8	High Normal	8/13	97	05/06	1	7/16	97	01/03	0
9	Above Normal	8/14	92	01/04	0	7/17	99	01/04	0
10	High Normal	8/15	91	08/11	2	7/18	100	03/05	2
11	Disturbed	8/16	90	34/66	4	7/19	101	02/05	0
12	Disturbed	8/17	93	33/35	2	7/20	102	12/15	3
13	Low Normal	8/18	92	19/18	2	7/21	105	13/14	2
14	High Normal	8/19	92	13/13	3	7/22	108	11/12	2
15	High Normal	8/20	92	09/07	2	7/23	110	05/07	0
16	High Normal	8/21	95	05/07	0	7/24	106	02/05	0
17	High Normal	8/22	94	04/06	1	7/25	102	02/06	0
18	High Normal	8/23	93	02/05	1	7/26	104	04/05	1

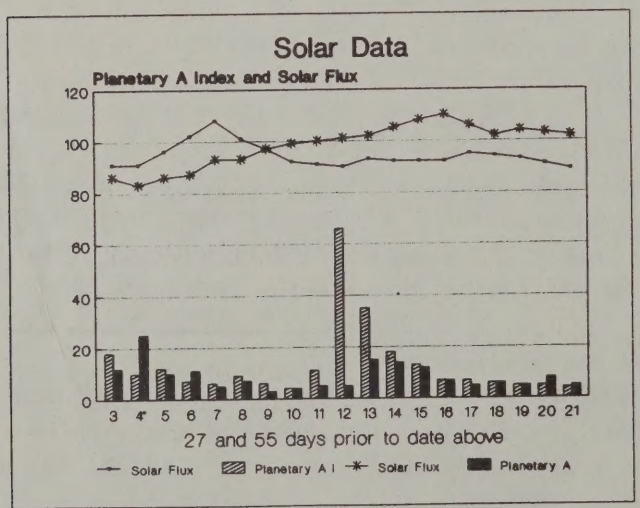
Propagation Watch

"The bands are recovering," is how one active DXer describes current propagation. Although solar flux levels remain extremely low, seasonal improvement and an very quiet geomagnetic field have provided some better openings in the last two weeks. Look for continued improvement this month.

The very low solar flux levels, hovering near 90, have eliminated much chance of 10- and 12-meter openings, except for the occasional north-south path. However, 15 meters has shown considerable improvement, with some marginal openings on paths higher than due east-west.

The extremely quiet geomagnetic field has provided DXers with some limited long-path openings, as well as tolerable polar-path DX. Signals are weak, but workable. Be prepared to do some digging among the local contacts to search out DX down in the mud.

Conditions should remain steady this month, with the exception of the Sept. 12-15 period, when a recurrent conoral hole may again disturb the bands. Otherwise, look for improved 15-meter openings, maybe even into Europe and Japan, and good low-band possibilities. The DX is still there, but you have to work harder to find, and work it. Good hunting!



Pitcairn Island Bicentennial Award

by Mike Gauthier K6ICS

"Thank you to every [amateur] who contacted me about their problems receiving the award. I have two addresses for Dr. Gary O'Tolle ex-WB6ISL, now KI7HO. He does not respond to letters addressed to either address. You might want to contact him directly at 7535 Winchester Road, Silver Spring NV 89429 or 4745 Highway 50W, Silver Spring NV 89429. Anyone wishing to file a 'Mail Fraud' claim against Dr. O'Tolle may call 818-405-1200 in the Los Angeles area, or contact your local postmaster for the claim form. See also the letter in the July 1993 issue of *QST* from Brian Young VR6BX and Kari Young VR6KY."

Scandinavian Activity Contest

CW 1500Z Sept. 18-1800Z Sept. 19
SSB 1500Z Sept. 25-1800Z Sept. 26

Non-Scandinavian stations work Scandinavians: Norway, Finland, Denmark, Sweden, Iceland, and their islands (JW, JX, OY, OHØ, and OJØ). Categories are single-op, all-band; single-op, all-band QRP (5 watts maximum output); and multi-single (with ten-minute band-change rule). 80, 40, 20, 15, and 10 meters only. Exchange RS(T) and consecutive serial number. Non-Europeans score one point for each Scandinavian contact on 20, 15, and 10 meters, and three points on 40 and 80 meters. Multipliers are Scandinavian call areas, per band. Score is QSO points times sum of multipliers. Logs by October 31 to the 1993 sponsor: NRRL HF Contest Manager Liv Johansen LA4YW, P. O. Box 142, N-7078 Saupstad, Norway. (A copy of the complete, detailed rules and multiplier check-list for non-Scandinavians is available from *The DX Bulletin* for an SASE.)

In the 1992 test, Fred Laun K3ZO took top USA honors in both the SSB (48,240 points) and the CW sections (80,754 points). Other high scorers in the USA were (CW): K2SX/1 46,448, N8II 24,628, W5FO 17,628, and AA2EM 16,724. On SSB: W9SS 19,200 AA1AB 18,400, W5FO 13,575, N8II 13,213, KA1DWX 11,730, KX4R 10,664, and K4RZ 10,416. In Canada, VO1SA took top honors in both SSB (105,549) and CW (71,936).

QSLs Received

▪ From managers: **4U1ITU** (DF8AN, 9 MOS); **5B4LP** (F6FNU, 2 WKS); **7Q7BW** (GØIAS, 3 WKS); **CE3CJ** (JA3GIY, 7 MOS); **J3/CT3FN** (HB9CRV, 1 MO); **J79MAE** (DL5MAE, 9 MOS); **JW9XG** (LA9XG, 8 MOS); **NØTG/KP5** (NØTG, 8 MOS); **P29JA** (JG7AMD, 2 MOS); **P29SC** (WB1GWB, 7 WKS); **SØRASD** (EA2JG, 6 MOS); **T3ØAJ** (K9AJ, 2 WKS); **UI8QU** (K9FD, 1 MO); **YJ8AB** (KC4MJ, 6 WKS).

▪ Direct: **A92BE** (3 WKS); **ERØF** (4 MO); **OX3MZ** (2 WKS); **SV9BAI** (9 MOS); **VE8RCS** (2 YRS); **VR6MW** (5 MOS).

B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.*

S	M	T	W	T	F	S
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18

RTTY

A45ZX	21085	1418	22	FL
EA6MV	14083	2025	25	CA
ES7QF	14084	1700	25	CA
OZ1GML	14083	0645	26	CA
V51GB	14087	0635	26	CA
XU3DWC	14091	1519	20	MD
YL2KF	21082	1419	22	FL

80 Meters

GI4VIV	3506	0052	14	WV
JAØSU	3503	1327	22	OR
JA1HQT	3502	1010	21	NH
P29DK	3506	1134	22	FL
SV1AOZ	3505	0340	17	SC
VK7GK	3502	1005	21	NH
ZL3ABV	3504	1020	21	NH

75 Meters

H44/ VK3COL	3795	1211	22	OR

40 Meters

BV6ES	7002	1449	19	ID
BV7FC	7004	1346	13	AZ
CEØZRC	7007	0143	17	WI
HL5YI	7022	1503	19	ID
T3ØDP	7007	1225	21	IA
UD6DCP	7014	0032	21	MA
VK6DX	7012	1304	22	OR
VK6VZ	7004	1124	22	WV
VU2VWN	7005	1255	21	IA
YN/ SMØOIG	7009	0100	24	FL
ZA1W	7006	0200	21	GA
ZK1XR	7008	0938	22	OR

30 Meters

3B8CF	10105	0318	17	SC
4L1XX	10102	0247	15	WV
7Z2AB	10109	0009	19	NH
BY1QH	10102	1318	14	AZ
FO5BI	10105	0737	21	MI
PJ2AM	10106	0027	24	FL
PZ1DV	10103	0323	17	SC
RC2CO	10107	0433	22	IL
T3ØDP	10107	1206	22	MI
UC2AAA	10100	0413	27	MI
UD6DKW	10109	0524	22	IL
VP2VI	10106	0515	25	MI
VQ9QM	10105	1209	22	MI
YL1XX	10104	0205	26	FL

20 Meter CW

3B8CF	14032	0338	22	IL
3B8CF	14029	1147	20	GA
4F2IR	14020	1249	22	FL
4J4JJ	14022	0305	23	IA
4K2BY	14024	0233	26	MT
4K2IRX	14008	1340	22	MI
4K4BCU	14013	2314	20	IL
4LØJA	14037	0045	26	GA
4L1AB	14025	0305	21	UT
4L1MAA	14031	2044	22	FL
4S7/ OH2VZ	14022	1725	22	MI
4S7WP	14011	0055	23	GA
4S7WP	14021	1640	16	MA
5Z4FO	14009	0257	24	MT
7Z2AB	14004	0319	27	MT
7Z2AB	14041	1712	22	GA
9J2BO *	14025	1250	17	IA
9K2MU	14010	2155	21	SC
9M2DK	14011	1410	22	MI
9V1ZH	14035	1505	21	CA
BV2DM	14009	1220	21	IA
BV2TA	14025	1147	22	FL
BV4CT	14025	1531	20	NH
BV4HB	14012	1437	22	MI
C31ND	14020	2310	24	GA
EM93L	14022	0355	20	ID
EV5WZ	14013	0017	25	FL
EV7AA	14038	2243	22	GA
EXØM	14023	0125	17	GA
EX8F	14030	0135	21	GA
FR5DD	14022	0123	18	CO
HC5AI	14013	2359	26	FL
HSØZBI	14019	1245	22	FL
HZ1AB	14002	0336	27	MT
HZ1HZ	14010	1912	15	SC
JW6MY	14015	0035	18	MO
LZ3CB	14010	2245	24	GA
OX3XR	14043	1100	14	MA
PZ1DY	14030	1950	21	MO
RVØAM	14013	0115	22	MI
S92SS	14025	2206	18	NH
TG9AQ	14015	2353	19	NH
TK5MI	14015	2051	22	FL
UA2FAL	14018	1118	28	FL
UA9UGZ	14008	0105	18	MA
UD6DCP	14033	0325	22	IA
UHØE/ RA3QJ	14023	1958	21	ND
UIØA	14015	1313	22	CO
UI8GBL	14014	0001	20	MA
UI9AWX	14118	1507	20	ID
UJ8JA	14005	0035	27	GA
UL7CBS	14028	0345	21	UT
UM8MDE	14023	0200	22	IA
UN2PY	14037	0259	22	GA
UN7CBS	14027	0140	27	GA
UN7CN	14015	0253	22	SC
UN7FCO	14056	0025	24	GA
UN7PS	14028	0205	22	IA
VK2APK *	14027	2140	20	SC
VK2BJ *	14025	2140	21	SC
VQ9KC	18087	1648	22	MI
VQ9QM	14024	1510	20	ID
VS6WV	14009	1132	28	FL
VU2NTA	14010	0231	23	ID
VU2OXX	14003	1703	24	MI
VU2RAK	14023	0007	23	SC
YB3OSE	14036	1201	21	MA
YDØARF	14014	1509	19	NH
YP7SYO	14004	2255	24	GA
Z21HF	14039	1304	22	FL
ZA1J	14021	0205	28	FL
ZA1N	14026	2123	21	GA
ZA1Z	14022	0133	24	FL
ZS6ME *	14020	1342	22	WA

20 Meter SSB

3C1TR	14255	0025	21	IA
5V7JB	14293	2209	19	MD
7X2DD	14205	1723	20	MD
9G1MQ	14283	1632	23	MD
9K2DI	14247	1236	19	NS
9K2DI	14245	1848	18	NH
9K2MU	14183	2031	19	WI
9K2YF	14155	0307	26	MT
A41LD	14220	2055	22	MD
A71A	14186	1937	16	MD
BA4CH	14197	1233	18	MD
BY1QH	14195	1317	23	MD
CN8NS	14230	1932	20	NS
DU7AF	14266	1238	17	MD
FT4WD	14200	1331	22	OR
TU2JL	14196	2241	24	MT
UI8ZAA	14191	0243	19	CO
UJ8JMM	14222	1720	20	NS
V51BG	14226	1455	24	MT
VK9ND	14247	0340	19	MD
VU2LNB	14185	1652	18	MD
VU2MPS	14200	1530	23	CA
XV7TH	14195	1417	23	MD
Z21GO	14191	2130	19	WI
ZA1N	14217	2341	19	MD
ZK1AAH	14217	0348	19	MD
ZK3DM	14200	0347	20	MD
ZS8MI	14208	1355	25	MT

17 Meter CW

4X4DN	18072	2021	20	SC
7Z2AB	18078	1408	20	NS
9G1XA	18074	2152	24	MT
BZ4DHI	18075	1500	18	SC
C31LL	18078	2047	20	SC
C31ND	18071	2230	15	GA
CN14DKH	18077	2235	15	GA
GU3MBS	18074	1800	22	SC
HC5AI	18072	0035	26	FL
HV4NAC	18137	2131	21	SC
LZ1LZ	18070	2130	26	MI
OY1R	18072	1700	21	SC
STØ/ PA3CXC	18070	1915	15	SC
TF3GC	18075	1710	21	SC
UO5OED	18070	1730	22	SC
VQ9KC	18080	1725	22	SC
VQ9QM	18076	1524	21	MI
YBØARF	18073	1331	18	NS
YB6AVE	18071	1745	21	MI
YI9CW	18073	1829	28	FL
YL1XX	18070	2127	22	SC
YO8KGL	18078	1514	23	ID

17 Meter SSB

4X4FR	18118	1835	23	CA
5X1F	18160	1901	25	MT
5Z4BI	18132	1955	20	SC
9G1XA	18135	2225	25	MI
C91AI	18128	1440	26	MT
HV4NAC	18137	2105	21	MT
J28RD	18165	1909	25	MI
S92YL	18122	2207	26	MI
XT2DK	18141	2212	21	MI

15 Meter CW

7P8SR	21025	1122	22	FL
7Z2AB	21002	1800	28	GA
8R1J	21012	2110	24	MI
9G1XA	21023	1905	28	GA
9K2MU	21014	1805	28	GA
9X5DF	21020	1845	15	SC
C91J	21026	1655	21	CA
HZ1HZ	21003	1400	14	GA
KG4DX	21029	2303	13	WV
TR8LVP	21030	2205	21	MO
TU2XZ	21014	1613	21	SC
ZA1E	21025	2105	21	GA

15 Meter SSB

3A2CC	21281	1543	14	NH
4L9A	21280	1320	21	FL
5R8DG	21330	1815	21	CA
5X1A	21323	1918	22	MA
5Z4BI	21280	2100	14	MA
5Z4DW	21240	1955	21	WI
5Z4MR	21355	2000	21	WI
7P8CI	21260	1644	20	MD
7Q7CE	21268	1530	23	IA
9G1CS	21255	1550	23	IA
9G1MR	21288	1715	21	IA
9G1XA	21295	1830	28	GA
A41LD	21266	1745	21	WI
A92BE	21295	1941	14	VA
C91J	21293	1536	14	NH
EA9IB	21300	1708	25	NY
ET3YU	21276	1415	23	IA
J28CN	21214	1405	23	IA
OD5SK	21281	1925	22	MA
P29KS	21324	2110	22	CA
S21B	21208	1426	23	MD
TU2JL	21308	1540	23	IA
VU2TTC	21254	1530	23	IA
ZD7DP	21267	2054	22	OR
ZP5CGL	21244	2301	19	NH

12 Meter CW

9G1XA	24893	2231	25	MI
XQØYAF	24900	2325	15	SC

10 Meter SSB

VR6SC	28460	2000	22	CA
ZP6XR	28342	2355	11	MA

Issue 703 - September 3, 1993

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
Aland Island	OHØ/	**OH1EH/OHØ**	**Sept. 11-12**	**I701**
		OHØ/GØCEO	**to Sept. 3**	**I702**
Cambodia	**XU**	**XU6WV**	**Aug. 29-Sept. 2**	**I702**
Chad	TT	TT8OBO	14256 kHz 2100Z	I701
Crete	**SV9/**	**OE1NBW**	**to Sept. 24**	**I703**
Eastern Kiribati	**T32**	**BE, BI**	**Sept. 8-13**	I703
Ethiopia	**ET**	**ET3BH**	**September**	**I702**
Gambia	C5	C56V	Oct. 28-Nov. 3	I701
Ghana	**9G**	**9G1XA**	**to mid-Sept.**	**I703**
Gibraltar	ZB2/SM4DHF		Sept. 22-28	I702
ITU Headquarters		4U1ITU	Sept.	I700
Iran	EP	EXØs	October	I701
Kuwait	9K2	DI,GS,ZZ	20M SSB 23-03Z	I699
Liechtenstein	**HBØ/DL1ECU**		**Sept. 1-11**	**I695**
Luxembourg	**LX**	**LX4A/p**	**Sept. 4-5**	**I702**
Macao	XX	XX9AS	21177 13Z	I699
Malawi	**7Q**	**7Q7CE**	**Aug. 15-Sept. 10**	**I699**
Marion Island	ZS8MI		14195 1300Z	I696
Mellish Reef	VK9M		Sept. 19-28	I699
Mongolia	**JT**	**JT3s**	**Aug.26-Sept.2**	**I700**
Mozambique	C9	C91A	Sat. PMs 21225	I699
Nauru	C2	TBA	Feb. 23-Mar.2	I697
		C25s?	**Sept. 8-13**	**I703**
North Cook Islands		**ZK1XR**	**to Sept.**	**I699**
Peter I Island	3Y		Feb. 1-17	I685
Pratus Island	BV	BV9P	**Oct. 6-16**	I693/5
St. Paul Island	**CY9**	**CY9R**	**to Sept. 9**	**I703**
Southern Sudan	ST0/PA3CXC		to Sept.	I690
Taiwan	BV	2TA,4CT,7FC	20M CW 1130-15Z	
Tanzania	5H	5H3FOE	July-Oct.	I696
Uganda	5X	5X1B	21030 1900Z	I683
US Virgin Islands		**WA2UDT/KP2**	**Aug. 22-Sept. 7**	**I701**
Wake Island	**KH9**		**Aug. 31-Sept. 10**	**I702**
Zone 2	**VO2/KB4GYT**		**Sept. 3-8**	**I701**

Operating Events and DX Gatherings

Dates	Event	Reference:
Sept. 4-5	All Asian DX Phone Test	QST
Sept. 4-5	Bulgarian DX CW Contest	QST
Sept. 11	W9DXCC Convention	
Sept. 11-12	Worked All Europe SSB Contest	CQ
Sept. 18-19	Scandinavian Activity CW	I703
Sept. 25-26	Scandinavian Activity SSB	I703
Sept. 25-26	CQWW RTTY Contest	CQ
Oct. 30-31	CQWW SSB Contest	CQ
Nov. 27-28	CQWW CW Contest	CQ

Contributors

This Issue would not have been possible without the assistance of our dedicated reporters: AAØCX, AA7FM, AB4PW, GM2TW, JADXN, KØEU, K1HDO, K1RH, K4BAI, K4II, K4IIA, K4IQJ, K4LNA, K6IR, K7FL, K7UOT, K8JJC, K8OQL, K9UE, KA7T, KC7V, KK6H, KM9J, KN4FY, KSØM, KZØX, N1QY, N4YKD, N6JQL, NM7M, OH2LVG, OH3YI, OPDX, PY7ZZ, VE1YX, VE3MRN, WØJRN, W1AW, W1BFT, W1KNT, W1NH, W6BJI, W6GO, W6JOX, W6UQF, W7AYY, W7LR, W9HAO, WB8ZRL, and WB8BMV. Many thanks!

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Armenia	4J4JJ	14022	0300Z
Chagos	VQ9QM	18080±	1525Z
Crozet Island	FT4WD	14200	1330Z
Georgia	4LØJA	14034±	0045Z
Guatemala	TG9AQ	14020±	0000Z
India	VU2RAK	14021±	0000Z
Ivory Coast	TU2JL	14197	2245Z Tues.
Kazakhstan	UN7CBS	14024±	0140Z
Kazakhstan	UN7PS	20M CW	0200Z
Kuwait	9K2MU	14009	2200Z
Kyrgyzstan	EXØM	14023±	0130Z
Latvia	YL3CW	18085	1845Z
Madagascar	5R8DS	7009	1445Z
Mauritius Island	3B8CF	14028	1145Z
Mozambique	C91J	15M CW	1700Z
New Caledonia	FK8CP	1836±	1000Z
Reunion Island	FR5DD	14020	0130Z
Saudi Arabia	7Z2AB	20M CW	17-2200Z
Singapore	9V1UU	21213	1600Z
Singapore	9V1WW	21245	1530Z
Singapore	9V1YC	21029	1700Z
Suriname	PZ1DY	14028±	1945Z
Turmenistan	UHØE/RA3QJ	14020±	20-0400Z
Uzbekistan	UI8ZAA	14193±	0245Z
Zambia	9J2BO	14024	1300Z

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P. O. BOX 50
FULTON CA
95439-0050 USA
(707) 523-1001

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